

EXPRESS MAIL LABEL NO.: EL 733 591 596 US

PATENT APPLICATION

Docket No: 14531.123.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
 Robert M. Fries et al.)
)
 Serial No.: 09/681,354) Art Unit
) 2614
 Filed: March 24, 2001)
)
 Confirmation No.: 5279)
)
 For: Electronic Program Guide Hardware Card)
)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

RECEIVED
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Technology Center 2600

The undersigned, Daniel D. Crouse, declares: that he is Assistant Secretary of MICROSOFT CORPORATION, and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of MICROSOFT CORPORATION; and that MICROSOFT CORPORATION, is the assignee of the entire interest of the above-identified application, as shown by the assignment concurrently filed herewith, a copy of said assignment is attached at Exhibit A hereto; and that the attached assignment has been reviewed by him, and to the best of his knowledge and belief title is in the assignee MICROSOFT CORPORATION. The assignee, MICROSOFT CORPORATION, hereby revokes all previous powers of attorney in the

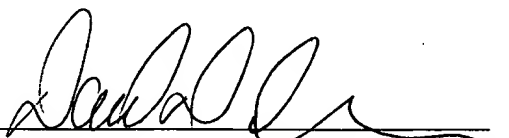
above-identified application, and now hereby appoints as attorneys and/or patent agents all listed under Customer No. 022913; and DANIEL D. CROUSE, Registration No. 32,022; and KATIE SAKO, Registration No. 32,628, of MICROSOFT CORPORATION, One Microsoft Way, Redmond, Washington 98052, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

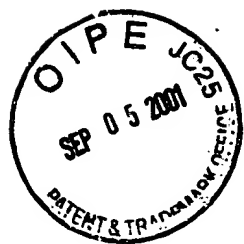
All correspondence and telephonic communications should be directed to:

Rick D. Nydegger
WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

Dated this 9th day of July, 2001.


Daniel D. Crouse, Assistant Secretary
MICROSOFT CORPORATION
One Microsoft Way
Redmond, Washington 98052



ATTACHMENT A

ASSIGNMENT

WHEREAS, we, Robert M. Fries and Michael E. Pietraszak, (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled Electronic program guide hardware card as described and claimed in the specification forming part of an application for United States letters patent as filed herewith;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

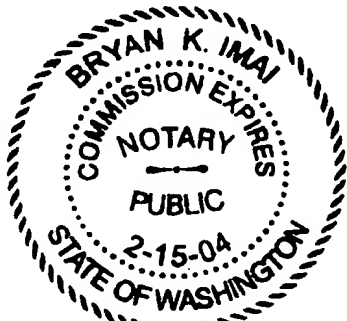

Inventor's Signature


3-21-01
DATE

Robert M. Fries
Inventor's Printed Name

STATE OF Washington)
COUNTY OF King) SS

On this 21st day of March, 2001, before me personally came the above named Robert M. Fries who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.




NOTARY PUBLIC
My Commission Expires: 2-15-2004

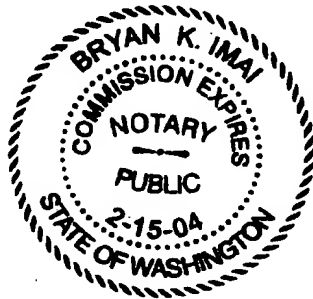
Michael E. Pietraszak
Inventor's Signature

3-21-01
DATE

Michael E. Pietraszak
Inventor's Printed Name

STATE OF Washington)
COUNTY OF King) SS

On this 21st day of March, 2001, before me personally came the above named Michael E. Pietraszak who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

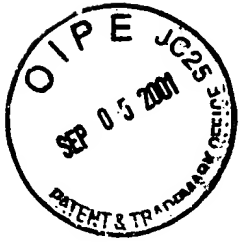


Bryan K. Imai
NOTARY PUBLIC
My Commission Expires: 2-15-2004

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CHANGE OF ATTORNEY DOCKET NUMBER

Honorable Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

For convenience and ready identification of the papers received in connection with the above-identified patent application, please reference in all future communications my Docket No. 14531.123.1. All communications should remain addressed to:

RICK D. NYDEGGER
WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
(801) 533-9800

Assistant Commissioner of Patents
Page 2

Dated this 5 day of SEPTEMBER, 2001.

Respectfully submitted,



RICK D. NYDEGGER
Attorney for Applicant
Registration No. 28,651



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